



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
CINCINNATI, OHIO 45268

March 11, 1997



Ms. Sachaka Lewis
Philip Environmental
515 Lycaste
Detroit, Michigan 48214

RE: Adjustment of CyanoKem Approval # W-28815

Dear Ms. Lewis:

Please change the name of generator on the profile submit by Envirite of Ohio for the above approval number. The name of the Generator should read as following

USEPA/Dayton Electroplate Site
1030 Valley Road
Dayton, OH 45404
USEPA ID.# OHD 004278628

Mr. Dave Arnold of Envirite of Ohio has granted me the authority to make the change. If you have any questions please contact Mr. Arnold at 330-456-6238 ext. 206 or Mark Douglas at Smith Technology at 847-437-3408. Thank you for your cooperation.

Sincerely,

A handwritten signature in black ink, appearing to read "Steve Renninger".

Steve Renninger, On Scene Coordinator
USEPA Region V



MEMORANDUM

To: Steve Renninger, OSC USEPA Region V
From: Mark Douglas, T & D Coordinator *MD*
Date: March 11, 1997
Re: Cyanide Solid Drums

Yesterday, March 10, 1997, I asked Dave Arnold of Envirite of Ohio, about the transportation cost of the cyanide solid. He stated that Envirite does not ship to Michigan must and the waste required special transportation. I told him I have a load going to Dynecol and I could transport the drums myself if this was possible. Mr. Arnold called back today and stated if the generated writes a letter to Cyanokem changing the name of the approval W-28815 from Envirite of Ohio to USEPA/Dayton Electroplate, then I could transport the drums. I am asking you to write a letter changing the name and fax to Sachaka Lewis of Cyanokem at 313-824-5423.



DAYTON ELECTROPLATING SITE

PHONE NO. (937) 223-6768

FAX NO. (937) 223-6772

INCLUDING THIS PAGE THERE ARE 2 PAGES BEING TRANSMITTED.

DATE:

3/12/97

TO:

SACHAKA LEWIS

COMPANY:

CYANDKEM

PHONE:

FAX:

313-824-5423

FROM:

S. RENNINGER

COMMENTS:

W-28815 APPROVAL

ENVIRITE OF OHIO, INC.
TECHNOLOGY FOR THE ENVIRONMENT

March 10, 1997

Mark Douglas
Smith Technology
2080 S. Carboy Road
Mt. Prospect, IL 60056

Reference: Envirite of Ohio, Inc. Waste Stream No. CS2423 (U.S. EPA - Dayton Electroplating)

Dear Mr. Douglas:

Thank you for the opportunity to provide a proposal for the disposal of your waste sodium cyanide solids from Dayton Electroplating.

We are pleased to inform you that we are able to dispose of this waste at a fully permitted, hazardous waste landfill.

Enclosed in this proposal you will find the following documents:

- o A quotation for the transportation and disposal of your waste;
- o Terms and Conditions for the business relationship; and
- o Forms and certificates needed to satisfy regulatory requirements.

Please contact me with any questions you may have about this proposal or to schedule shipment of your waste to our treatment facility. We encourage customers to visit our facility to observe our processing capabilities and be assured that the waste material is being handled in a professional and environmentally safe manner.

We look forward to serving you and thank you for the confidence you have expressed in Envirite Corporation.

Sincerely,



Richard W. Robinson
Technical Marketing Representative

Enclosures

2050 CENTRAL AVENUE, SOUTHEAST CANTON, OH 44707 PHONE (330) 456-6238 FAX (330) 456-2801

Recycled Paper 

ENVIRITE OF OHIO, INC.**Description**

This service proposal and price quotation has been prepared for Smith Technology for the transportation, and disposal of the waste sodium cyanide solids from Dayton Electroplating as described in the Waste Profile Information Form and identified as Envirite Waste Stream Number CS2423. Charges for additional services offered by Envirite, as well as taxes or surcharges currently applicable, are detailed for your consideration.

Schedule of ChargesDisposal:

1 line Ek4
\$~~XXXX~~ per drum

(Subject to a minimum charge of \$150.00 per load)

Transportation:**Straight Rate -**

1 line B44
\$~~XXXX~~ per load

Milk Run Rate - is at Envirite dispatch discretion and requires at least 14 working days advance notice to schedule.

1 line Ek4
\$~~XXXX~~ per load

This quotation includes 1 free hour of time at the loading site. Any additional time required for loading will be charged at the rate of \$15.00 per quarter hour or any part thereof.

Conditions

This service proposal is valid for 30 days, after which the offer to perform services and the prices are subject to change or withdrawal. The applicable terms and conditions upon which this proposal is based are those determined by our Corporate Credit Department.

Acceptance

Acceptance of this proposal, including the terms and conditions governing the work, will be deemed to have occurred when notification is received by Envirite for scheduling the waste for transportation and disposal, or if Envirite is notified that the proposal is acceptable.

Envirite Corporation is committed to working with you to provide the best possible service for the safe disposal of your waste materials.

03/10/97

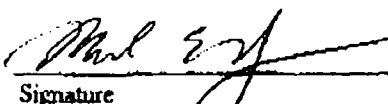
RR/ek

ENVIRITE OF OHIO, INC.**QUOTATION ACCEPTANCE DOCUMENT**

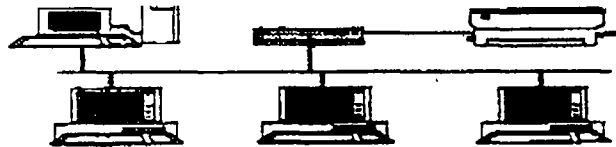
March 10, 1997

Mark Douglas
Smith TechnologyUS EPA/Dayton Electroplating
CS2423**Acceptance**

Acceptance of this proposal, including the terms and conditions governing the work, will occur when this signed document is received by Envirite.

ENVIRITE CORPORATION
SignatureRichard J. Kostelnick
General Manager
Printed Name & TitleMarch 10, 1997
Date**SMITH TECHNOLOGY**
SignatureMark E. Douglas ^{T&D} Coordinator
Printed Name & Title3-10-97
Date

Envirite Corporation is committed to working with you to provide the best possible service for the safe disposal of your waste materials. We suggest you consult our Customer Assistance Information Form for additional guidance to ensure that we meet this goal.



Fax Cover Sheet

To: Tag/Steve
Company: _____
Phone: _____
Fax: _____

Mark E. Douglas
From: Transportation & Disposal Coordinator
ERCS EPA Region V
Program Management Office

Company: RIEDEL/ SMITH ENVIRONMENTAL
Construction & Remediation Services
2080 S. Carboy Road
Mt. Prospect, Illinois 60056

Phone: 847-437-3408
ERCS Fax: 847-437-6064

Date: 3-10-97

Number of pages : 5

THIS MESSAGE IS INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR THE ENTITY TO WHOM IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THIS MESSAGE TO THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT ANY DISSIMULATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY US IMMEDIATELY BY TELEPHONE AND RETURN THE ORIGINAL MESSAGE TO US VIA THE U.S. POSTAL SERVICE. WE APPRECIATE YOUR COOPERATION.

Comments:

<p><i>I am waiting for the Hydro sulfide approval. I have pricing on transp.</i></p> <p><i>Mark Sp</i></p>
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**WASTE
PROFILE
INFORMATION
FORM**

ENVIRITE of OHIO, INC.
2050 Central Ave. SE
Canton, Ohio 44707

If you need help with this form, please consult your Envirite Technical Marketing Representative
or refer to Instructions for Completing Waste Profile Information Form.

I. CUSTOMER INFORMATION:

Name of Generator U.S. EPA Dayton Electroplating SIC _____
Facility Address 1030 Valley St Dayton OH 45404
Pickup Address SAME
Primary Contact Steve Renninger Title OSC Phone 513-223-6768
Technical Contact Todd Ritsema Title T & D Coord. Phone 847-437-3408
Emergency Contact _____ After-hours Phone _____
Parent Company _____
Generator USEPA ID# OHΔ004278628 Generator State ID# _____
Customer Address for Invoicing Smith Technology
2080 S. Carboy Mt Prospect IL 60056
Todd Ritsema 847-437-3408

II. WASTE INFORMATION:

Generator's Description/Identification of Waste CHANGE Solids
Physical State at 20°C (68°F) — (Check one box.) ☐ Solid ☒ Powder ☐ Sludge ☐ Liquid
Other Characteristics — (Must complete "Color" and "Number of Phases." Complete others if known.)
Color White TOX 0 ppm BOD 11000 ppm Percent Free Liquid 0
Number of Phases 1 Oils/Grease 0 ppm TOC 11000 ppm Flash Point NA °F
Percent Solids _____ pH 9-10

Generator Storage Method — (Check one box.)

☐ Tank ☐ Roll Off ☐ Dump Trailer ☐ Bags ☒ Drums ☐ Surface Impoundment ☐ Other _____

Does this waste contain flammables? ☐ Yes ☒ No Comments _____

Does this waste have an obvious odor? ☐ Yes ☒ No If "yes," describe _____

Does this waste produce any explosive, combustible or toxic gases upon neutralization with lime? ☐ Yes ☐ No

Comments: _____

Waste Quantity:
Estimated Volume 3x 55 gals Estimated Frequency One Time

SHADED AREA FOR ENVIRITE USE ONLY

STREAM NUMBER _____	DATE ENTERED _____	DATE NEEDED _____
TREATMENT FACILITY: Canton _____	Harvey _____	York _____
TMA _____		

III. PROCESS INFORMATION:

The information provided in this Section will be used by Enviro to verify the waste codes identified in Section IV. Please describe in detail the process which generates this waste. (Include plating activity [i.e., nickel, chrome, copper], raw solutions and base metals being plated.) It is important for this information to describe the process that actually generates the waste, namely the process that first causes the waste to be regulated as hazardous. (Attach additional sheets or diagrams if necessary.)

CENLA Clean up at former Plating Facility.
(Zinc, Chrome)

Are other products used in this area which may contaminate the waste (i.e., cleaning solutions or any other chemicals used by maintenance personnel)? ☐ Yes ☒ No If "yes," identify material and attach copy of Material Safety Data Sheet if available.

Material: _____

Are paint-stripping operations on site? ☐ Yes ☒ No

Are cyanide-plating operations on site? ☒ Yes ☐ No

IV. HAZARDS INFORMATION:

Is the waste a RCRA Hazardous Waste as described per 40 CFR 261 or equivalent state regulations? ☐ Yes ☐ No
 Please identify all EPA Hazardous-Waste Numbers which apply to the waste by placing an "X" in the box next to the codes specified below. In the blank space(s) provided, please specify any (all) other Hazardous-Waste Numbers that apply.

Characteristic Hazardous Wastes		Listed Hazardous Wastes		
<input type="checkbox"/> D001 (Oxidizers)	<input type="checkbox"/> D007 (Chromium)	<input type="checkbox"/> F006	<input type="checkbox"/> K002	<input type="checkbox"/> K007
<input type="checkbox"/> D002 (Corrosive)	<input type="checkbox"/> D008 (Lead)	<input checked="" type="checkbox"/> F007	<input type="checkbox"/> K003	<input type="checkbox"/> K008
<input type="checkbox"/> D003 (Reactive)	<input type="checkbox"/> D009 (Mercury)	<input checked="" type="checkbox"/> F008	<input type="checkbox"/> K004	<input type="checkbox"/> K052
<input type="checkbox"/> D004 (Arsenic)	<input type="checkbox"/> D010 (Selenium)	<input type="checkbox"/> F009	<input type="checkbox"/> K005	
<input type="checkbox"/> D005 (Barium)	<input type="checkbox"/> D011 (Silver)	<input type="checkbox"/> F011	<input type="checkbox"/> K006	
<input type="checkbox"/> D006 (Cadmium)		<input type="checkbox"/> F012		
<input checked="" type="checkbox"/> Other <u>Zinc > 500</u>		<input type="checkbox"/> F019	<input type="checkbox"/> Other _____	

Does the waste contain free liquid? ☐ Yes ☒ No

Is the waste subject to Land Disposal Restrictions (LDR) per 40 CFR 268 or its equivalent state regulations? ☒ Yes ☐ No

Does this waste require treatment to conform to Land Disposal Restrictions? ☒ Yes ☐ No ☐ Varies

Per the LDR program's definition, the waste is a: ☐ Wastewater ☒ Nonwastewater*

Has EP Toxicity, TCLP or any other testing been done? ☐ Yes ☒ No If "yes," please attach a copy of the most recent reports.

Does the liquid portion of the RCRA Hazardous Waste contain nickel ≥ 134 mg/l? ☒ No ☐ Yes Specify _____ mg/l

Does the liquid portion of the RCRA Hazardous Waste contain thallium ≥ 130 mg/l? ☒ No ☐ Yes Specify _____ mg/l

If the waste is not a RCRA Hazardous Waste as described by federal or state regulation, is it regulated as a "special waste" in the state from which it is being shipped? ☒ Yes ☐ No ☐ Not Applicable Please provide applicable codes.

F007 F008

* As determined by Method 9095 (Paint Filter Liquids Test) described in "Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods." (EPA Publication No. SW-846, 2nd edition)

† "Wastewaters" are wastes that contain less than 1% total organic carbon (TOC) and less than 1% total suspended solids (Nonfilterable Residues Test — Method No. 160.2 Methods for Chemical Analysis of Water and Wastes, EPA — 600/4-79-020, March 1983).

** "Nonwastewaters" are those wastes that do not meet the definition of "Wastewaters."

The waste constituent information may be supplied either on the basis of the generator's knowledge or laboratory analysis. It must be comprehensive, as it will be used to ensure the health and safety of our laboratory personnel and as a comparison to Enviro's analysis of the representative sample submitted. Please address each line entry. Also, note that "TOTAL," not leachable, concentrations are requested below. All unmarked units will be assumed to be mg/kg. If other units are used, please include the proper units with the concentration. If you need help with this section, consult your Enviro Technical Marketing Representative or refer to *Instructions for Completing Waste Profile Information Form*.

METALS**TOTAL CONCENTRATION**

Aluminum	41
Arsenic	41
Barium	2100
Beryllium	41
Boron	41
Cadmium	41
Chromium	45
Chromium (+6)	41
Copper	420
Iron	410
Lead	45
Manganese	41
Mercury	40.2
Nickel	4500
Selenium	41
Silver	41
Tin	41
Zinc	2500
Other	

ANIONS**TOTAL CONCENTRATION**

Chloride	NA
Sulfate	
Nitrate	
Fluoride	
Phosphate	

CHELATING AGENTS**TOTAL CONCENTRATION**

Ammonia	NA
Cyanide Total	45,000
Cyanide Amenable	
Cyanide Leachable	
Other	

VOLATILE ORGANIC COMPOUNDS**TOTAL CONCENTRATION**

Acrylonitrile (vinyl cyanide)	NA
Benzene	
Bis(chloromethyl) ether	
Methylene chloride	
Methylchloromethyl ether	
Methyl ethyl ketone	
Tetrachloroethylene	
Trichloroethylene	
Vinyl chloride	
Carbon tetrachloride	
Chloroform	
Other	
Other	
Other	

SEMI-VOLATILE ORGANIC COMPOUNDS**TOTAL CONCENTRATION**

1,2-Diphenylhydrazine	NA
1-Naphthylamine	
2-Naphthylamine	
Anthracene	
Benidine	
Dioxins	
Ethyleneimine	
N-Nitrosodimethylamine	
p-Nitrosodiphenylamine	
Phenol	
Other	
Other	
Other	

GENERAL**TOTAL CONCENTRATION**

Asbestos	NA
Carcinogens	
Herbicides	
PCBs	
Pesticides	
Radioactives	
Solvents	
Organometallic Compounds	
Other	
Other	
Other	

VI. TRANSPORTATION INFORMATION:

Proper DOT Shipping Name Waste Sodium CyanideDOT Hazard Class 6.1 DOT UN/NA Number UN 1689Will the temperature of the waste to be transported ever be greater than 110°F? ☐ Yes ☒ No

Comments: _____

Are special precautions required at the time of pickup? ☐ Yes ☒ No If "yes," indicate precautions: _____Is Envirite handling transportation? ☒ Yes ☐ No ☐ Unresolved If "no," and you know who will be transporting the waste, please complete the following information:

Transporter Name _____

Transporter EPA ID# _____ State Transporter ID# _____

Transporter Contact _____ Phone _____

After-hours Emergency Contact _____ Phone _____

VII. SAMPLING:

Type of Sampler — (Check one box.) ☐ Coriwa ☐ Sludge Judge ☐ Auger ☒ OtherIs this a composite sample? ☒ Yes ☐ No If "yes," indicate how many samples: 5Identify source of sample (e.g., lagoon, tank, etc.) Drum

Please submit sample promptly. Organic analyses must be completed within 14 days of sample collection; otherwise, resampling will be necessary.

Date of Sampling 2-4-97 Time of Sampling _____ AM/PMSampler's Signature [Signature]Sampler's Name Todd R. FeltnerTitle and Affiliation of Sampler T&D Coord. (Smith)

VIII. CERTIFICATION:

I hereby avow that any pertinent information that is known by the generator concerning possible hazards has been disclosed in the information contained herein and attached to this form. I certify that I have designated the location point(s) for sample collection and the sample accompanying this document is representative of the waste that will be shipped to Envirite. I confirm that, to the best of my knowledge, all statements and attachments are correct and accurate representations of this waste material.

Signature [Signature] Title OSCName STEVEN L. RENNINGER Date 2/4/97

All information submitted on this form and its attachments will be kept confidential within the limits of existing environmental laws and regulations. We suggest that you retain a copy of this form and its attachments for your records.